

Power Cost Memorandum Fuel Cost Update

Date: **February 17, 2022**

Utility Name (Cert. No.) Tanalian Electric Cooperative (447)	Utility File No. PC90-1118S	Date Filed: January 25, 2022
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PCE AMOUNT SUMMARY	Previously Approved PC90-1118R <u>Date Approved:</u> November 19, 2021	Staff Recommended Amount(s) and Effective Date PC90-1118S February 18, 2022
Class Rate Residential	 \$0.3684	 \$0.4212
<div style="display: flex; justify-content: space-around;"> <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent </div>		

Prior Fuel Purchase Price: \$ 3.2890	New Fuel Purchase Price: \$ 3.9730
<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted	<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted
Delivery Charge: \$189	Surcharge Change: Previous 0.1315 Updated 0.1315

Weighted Average Fuel Price/Gal. Calculation					
	Gallons		Price		
On-hand before deliv.	6,556	X	3.2890	=	21,562.59
Delivered	20,151	X	4.1956	=	84,545.49
	<u>26,707</u>				<u>\$ 106,108.08</u>
					Weighted Average \$ 3.9730

Signed: Brenda Cox
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 2/17/22)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<u>RMP</u>		
Kurber		<u>KKT</u>		
Scott		<u>AGS</u> AGS		
Sullivan		<u>DS</u> DS		
Wilson		<u>JWW</u> JWW		

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement. Otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

Tanalian Electric Cooperative

APPENDIX 1

POWER COST EQUALIZATION CALCULATION
BASED ON TEST PERIOD ENDING June 30, 2018
Fuel Cost Update

	PC90-1118R	PC90-1118S	
	Prior Commission Approval	Utility Request	Staff Recommended
A. Total kWh Generated	866,025	866,025	866,025
B. Total kWh Sold (Appendix 2)	793,477	793,477	793,477
C. Total Non-Fuel Costs (Appendix 2)	213,882	213,882	213,882
D. Non-Fuel Cost/kWh (C / B)	\$0.2696	\$0.2696	\$0.2696
E. Total Fuel Costs (Appendix 2)	252,749	305,316	305,316
F. Fuel Costs/kWh (E / B)	\$0.3185	\$0.3848	\$0.3848
G. Eligible Costs/kWh (D + F)	\$0.5881	\$0.6543	\$0.6543
H. Eligible Cost/kWh (G) Less 20.03 cents/kWh	\$0.3878	\$0.4540	\$0.4540
I. Lesser of (H) or 79.97 cents/kWh	\$0.3878	\$0.4540	\$0.4540
J. Average Class Rates (Appendix 3) Residential	\$0.4212	\$0.4212	\$0.4212
Class Power Cost Equalization Per kWh Payable			
K. Lesser of: (I) x 95% or (J) Residential	\$0.3684	\$0.4212	\$0.4212
L. Funding Level in Effect	100%	100%	100%
Residential	\$0.3684	\$0.4212	\$0.4212

PC90-1118S
Appendix 1

Tanalian Electric Cooperative

APPENDIX 2

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY
BASED ON TEST PERIOD ENDING June 30, 2018

Fuel Cost Update

			PC90-1118R	PC90-1118S	
			Prior Commission Approval	Per Utility	Staff Recommended
Non-Fuel Costs:					
A.	Personnel Costs		80,508	80,508	80,508
B.	Operating Expense		6,275	6,275	6,275
C.	General & Administrative		58,967	58,967	58,967
D.	Depreciation		68,132	68,132	68,132
E.	Interest Expense		-	-	-
F.	Other (Interest Income)		-	-	-
G.	Total Non-Fuel Costs		213,882	213,882	213,882
Fuel Costs:					
H.	Gallons Consumed for Electric Generation		76,847	76,847	76,847
I.	Wtd. Avg. Price of Fuel		\$3.2890	\$3.9730	\$3.9730
J.	Total Cost of Fuel		\$252,749	\$305,316	\$305,316
K.	KWh Generated		936,760	936,760	936,760
L.	kWh Sales		850,107	850,107	850,107
M.	Station Service		22,670	22,670	22,670
N.	Efficiency (K/H)	≥	<u>Standard</u> 11.5	12.19	12.19
O.	Line Loss	≤	12%	6.83%	6.83%
(kWh generated-(kWh sold + Station Service)/kWh generated					

Weighted Average Fuel Price/Gal. Calculation

	Gallons		Price		
On-hand	6,556	X	3.2890	=	21,562.59
Delivered	20,151	X	4.1956	=	84,545.49
	<u>26,707</u>				<u>\$ 106,108.08</u>
					Weighted Average
					\$ 3.9730

PC90-1118S

Appendix 2

Tanalian Electric Cooperative

APPENDIX 3

Calculation of Average Class Rate per kWh

Rate Schedule: Residential

Customer Charge (CC): \$25.00

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+ CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2003 (\$/kWh)
500	0.4400	0.1315	0.5715	310.75	0.6215	0.4212

500 310.75 0.6215 0.4212
TOTAL (A) (E)

Rate Schedule:

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2003 (\$/kWh)

TOTAL (A) (E)

Computation of Community Facilities Average Rate

Rate Schedule:

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (A+B)	(7) Avg. Rate (\$/kWh) - 0.2003 (\$/kWh)
0 to ∞				
Next to				
Next to				
Next to				
Next to				

Tanalian Electric Coop., Inc.

	Invoice Number	Delivery Date	Gallons	Cost per Gallon	Delivery/ Mark-Up	Total Cost
Beginning Fuel Inventory			6,556			
Last Approved Fuel Cost/Gal.				\$ 3.2890		
Beginning Fuel Inventory in Gallons	X	Last Approved Fuel Cost/Gal. = Beginning Fuel Inventory Cost --->				\$ 21,563
Reporting Period Purchases	113136	10/15/21	2,000.0	4.2031	189.00	8,595
	113485	10/27/21	2,000.0	4.2331	189.00	8,655
	113873	11/11/21	2,000.0	4.1431	189.00	8,475
	113880	11/17/21	2,000.0	4.0931	189.00	8,375
	114012	11/18/21	4,000.0	4.0231	378.00	16,470
	114113	11/27/21	2,000.0	4.1231	189.00	8,435
	114594	12/15/21	2,001.0	4.0231	189.00	8,239
	114738	12/17/21	4,150.0	4.1231	189.00	17,300
						-
						-
						-
						-
Totals for Reporting Period Purchases on this sheet:			20,151			84,545
Grand Totals (beginning inventory plus purchases)	A	26,707				B \$ 106,108

Grand Total Cost divided by Grand Total Gallons = 3.9730 Weighted Avg. Cost per gallon
Purchases: Total Cost divided by Grand Total Gallons = 4.1956 Avg. Cost per gallon

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